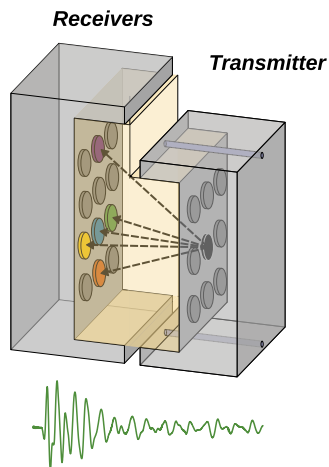
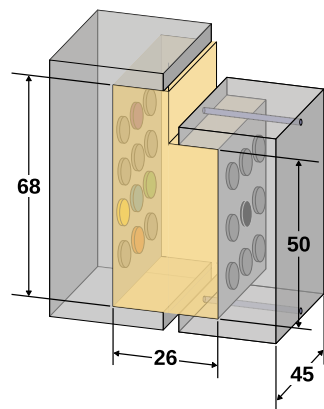
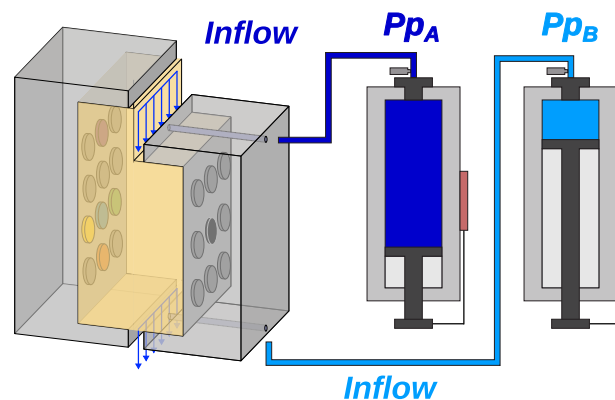


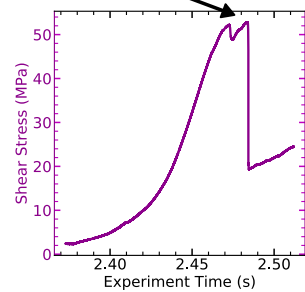
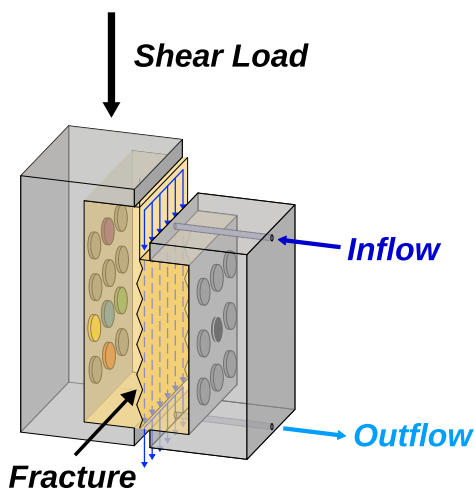
(a)

*Intact Sample*

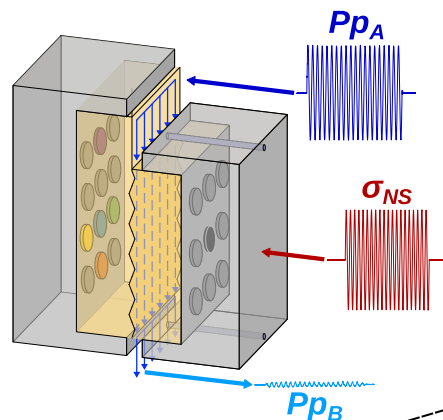
(b)

*Initialize Flow*

(c)

*In-situ Fracturing*

(d)

*Post-Fracture Dynamic Stressing*

(e)

*Shearing Fracture & Dynamic Stressing*